

Amendments to the Claims:

The following listing of claims will replace all prior versions, and listings, of claims in the application:

1. (Currently Amended) ~~A single valve to close an active control circuit for the pressure of a volume, wherein it is composed of a seat and valve, comprising:~~
a seat; and
an openwork a semi-rigid membrane with one or several openings and which incorporates means to enable is structured to successively adopt two stable positions.
2. (Currently Amended) ~~A single valve to close an active control circuit for the pressure of a volume~~ The single valve according to Claim 1, wherein the seat and ~~bistable~~ the membrane are assembled such that the membrane ~~in its~~ in a first stable position prevents the a circulation of fluid and ~~in its~~ in a second stable position allows the circulation of fluid.
3. (Currently Amended) ~~A single valve to close an active control circuit for the pressure of a volume~~ The single valve according to Claim 2, wherein the ~~bistable~~ membrane is ~~openwork~~ open so as to create a difference in pressure on either side of the single valve during the circulation ~~of a fluid~~ of fluid.
4. (Currently Amended) ~~A single valve to close an active control circuit for the pressure of a volume~~ The single valve according to Claim 3, wherein ~~it is~~ the single valve is activated by a ~~the~~ difference in pressure upstream and downstream of the single valve.
5. (Currently Amended) ~~A single valve to close an active control circuit for the pressure of a volume~~ The single valve according to Claim 4, wherein the ~~bistable~~ membrane is made of a polymer.
6. (Currently Amended) ~~A single valve to close an active control circuit for the pressure of a volume~~ The single valve according to Claim 4, wherein the ~~bistable~~ membrane is made by stamping a metal sheet.

7. (Currently Amended) ~~A single valve to close an active control circuit for the pressure of a volume~~ The single valve according to Claim 4, wherein the ~~bistable~~ membrane is made by duplicate molding an elastomer onto a metallic core grid.

8. (Currently Amended) ~~Application of the single valve to close an active control circuit for the pressure of a volume according to claim 1, wherein the single valve is integrated into an~~ An inflation and deflation valve valve comprising the single valve according to Claim 1.